

Trying 3106016892...Open

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NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 Dec 17 The CA Lexicon available in the CAPLUS and CA files
NEWS 3 Feb 06 Engineering Information Encompass files have new names
NEWS 4 Feb 16 TOXLINE no longer being updated
NEWS 5 Apr 23 Search Derwent WPINDEX by chemical structure
NEWS 6 Apr 23 PRE-1967 REFERENCES NOW SEARCHABLE IN CAPLUS AND CA

NEWS EXPRESS April 18 CURRENT WINDOWS VERSION IS V6.0,
CURRENT MACINTOSH VERSION IS V5.0C (ENG) AND V5.0JB (JP),
AND CURRENT DISCOVER FILE IS DATED 04/06

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 16:37:13 ON 24 APR 2001

=> FIL MEDLINE

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.15	0.15

FULL ESTIMATED COST

FILE 'MEDLINE' ENTERED AT 16:37:27 ON 24 APR 2001

FILE LAST UPDATED: 17 APR 2001 (20010417/UP). FILE COVERS 1958 TO DATE.

On April 22, 2001, MEDLINE was reloaded. See HELP RLOAD for details.

MEDLINE now contains new records from the former NLM HEALTH STAR database. These records have an Entry Date and Update Date of 20010223.

MEDLINE thesauri in the /CN, /CT, and /MN fields incorporate the MeSH 2001 vocabulary. Enter HELP THESAURUS for details.

The OLDMEDLINE file segment now contains data from 1958 through 1965. Enter HELP CONTENT for details.

Left, right, and simultaneous left and right truncation are available in the Basic Index. See HELP SFIELDS for details.

THIS FILE CONTAINS CAS REGISTRY NUMBERS FOR EASY AND ACCURATE
SUBSTANCE IDENTIFICATION.

```
=> e circular polynucleotide
E1      1      CIRCULAORII/BI
E2      37284   CIRCULAR/BI
E3      0 --> CIRCULAR POLYNUCLEOTIDE/BI
E4      2      CIRCULARA/BI
E5      11     CIRCULARDICHROISMUS/BI
E6      11     CIRCULARE/BI
E7      1      CIRCULAREN/BI
E8      1      CIRCULARER/BI
E9      10     CIRCULARES/BI
E10     1      CIRCULARGENOME/BI
E11     1      CIRCULARIE/BI
E12     1      CIRCULARING/BI
```

```
=> e circular DNA
E1      1      CIRCULAORII/BI
E2      37284   CIRCULAR/BI
E3      0 --> CIRCULAR DNA/BI
E4      2      CIRCULARA/BI
E5      11     CIRCULARDICHROISMUS/BI
E6      11     CIRCULARE/BI
E7      1      CIRCULAREN/BI
E8      1      CIRCULARER/BI
E9      10     CIRCULARES/BI
E10     1      CIRCULARGENOME/BI
E11     1      CIRCULARIE/BI
E12     1      CIRCULARING/BI
```

=> FIL EMBASE

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.90

1.05

FILE 'EMBASE' ENTERED AT 16:39:06 ON 24 APR 2001

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FILE COVERS 1974 TO 19 Apr 2001 (20010419/ED)

EMBASE has been reloaded. Enter HELP RLOAD for details.

This file contains CAS Registry Numbers for easy and accurate
substance identification.

```
=> s circular(2a) polynucleotides
      28291 CIRCULAR
      31 CIRCULARS
      28317 CIRCULAR
          (CIRCULAR OR CIRCULARS)
      1228 POLYNUCLEOTIDES
L1      2 CIRCULAR(2A) POLYNUCLEOTIDES
```

=> d l1 1-2

L1 ANSWER 1 OF 2 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.

AN 95128788 EMBASE

DN 1995128788

TI DNA condensation by the rat spermatidal protein TP2 shows GC-rich
sequence

preference and is zinc dependent.

AU Kundu T.K.; Rao M.R.S.
 CS Department of Biochemistry, Indian Institute of Science, Bangalore 560
 012, India
 SO Biochemistry, (1995) 34/15 (5143-5150).
 ISSN: 0006-2960 CODEN: BICHAW
 CY United States
 DT Journal; Article
 FS 021 Developmental Biology and Teratology
 029 Clinical Biochemistry
 LA English
 SL English

L1 ANSWER 2 OF 2 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.
 AN 83172998 EMBASE
 DN 1983172998
 TI Lack of Z-DNA conformation in mitomycin-modified **polynucleotides**
 having inverted **circular** dichroism.
 AU Tomasz M.; Barton J.K.; Magliozzo C.C.; et al.
 CS Dep. Chem., Hunter Coll., City Univ. New York, New York, NY 10021, United
 States
 SO Proceedings of the National Academy of Sciences of the United States of
 America, (1983) 80/10 I (2874-2878).
 CODEN: PNASA6
 CY United States
 DT Journal
 FS 037 Drug Literature Index
 022 Human Genetics
 029 Clinical Biochemistry
 LA English

=> FIL MEDLINE

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
5.72	6.77

FULL ESTIMATED COST

FILE 'MEDLINE' ENTERED AT 16:40:34 ON 24 APR 2001

FILE LAST UPDATED: 17 APR 2001 (20010417/UP). FILE COVERS 1958 TO DATE.

On April 22, 2001, MEDLINE was reloaded. See HELP RLOAD for details.

MEDLINE now contains new records from the former NLM HEALTH STAR database. These records have an Entry Date and Update Date of 20010223.

MEDLINE thesauri in the /CN, /CT, and /MN fields incorporate the MeSH 2001 vocabulary. Enter HELP THESAURUS for details.

The OLDMEDLINE file segment now contains data from 1958 through 1965. Enter HELP CONTENT for details.

Left, right, and simultaneous left and right truncation are available in the Basic Index. See HELP SFIELDS for details.

THIS FILE CONTAINS CAS REGISTRY NUMBERS FOR EASY AND ACCURATE SUBSTANCE IDENTIFICATION.

=> s circular(2a) polynucleotides
 37284 CIRCULAR

29 CIRCULARS
37307 CIRCULAR
(CIRCULAR OR CIRCULARS)
6043 POLYNUCLEOTIDES
L2 5 CIRCULAR(2A) POLYNUCLEOTIDES

=> d 12 1-5

L2 ANSWER 1 OF 5 MEDLINE
AN 95226403 MEDLINE
DN 95226403 PubMed ID: 7711033
TI DNA condensation by the rat spermatidal protein TP2 shows GC-rich
sequence
preference and is zinc dependent.
AU Kundu T K; Rao M R
CS Department of Biochemistry, Indian Institute of Science, Bangalore.
SO BIOCHEMISTRY, (1995 Apr 18) 34 (15) 5143-50.
Journal code: AOG; 0370623. ISSN: 0006-2960.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199505
ED Entered STN: 19950524
Last Updated on STN: 19970203
Entered Medline: 19950517

L2 ANSWER 2 OF 5 MEDLINE
AN 88024994 MEDLINE
DN 88024994 PubMed ID: 3663614
TI Interaction between adenovirus DNA-binding protein and single-stranded
polynucleotides studied by **circular** dichroism and
ultraviolet absorption.
AU van Amerongen H; van Grondelle R; van der Vliet P C
CS Department of Biophysics, Free University, Amsterdam, The Netherlands.
SO BIOCHEMISTRY, (1987 Jul 28) 26 (15) 4646-52.
Journal code: AOG; 0370623. ISSN: 0006-2960.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 198712
ED Entered STN: 19900305
Last Updated on STN: 19900305
Entered Medline: 19871207

L2 ANSWER 3 OF 5 MEDLINE
AN 83221505 MEDLINE
DN 83221505 PubMed ID: 6574457
TI Lack of Z-DNA conformation in mitomycin-modified **polynucleotides**
having inverted **circular** dichroism.
AU Tomasz M; Barton J K; Magliozzo C C; Tucker D; Lafer E M; Stollar B D
NC CA 28681 (NCI)
GM 32203 (NIGMS)
SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF
AMERICA, (1983 May) 80 (10) 2874-8.
Journal code: PV3; 7505876. ISSN: 0027-8424.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals

EM 198307
ED Entered STN: 19900319
Last Updated on STN: 19980206
Entered Medline: 19830708

L2 ANSWER 4 OF 5 MEDLINE
AN 82046441 MEDLINE
DN 82046441 PubMed ID: 7295647
TI Interactions of poly (N epsilon , N epsilon , N epsilon
, -trimethyllysine)
and poly(lysine) with **polynucleotides: circular**
dichroism and A-T sequence selectivity.
AU Granados E N; Bello J
SO BIOCHEMISTRY, (1981 Aug 4) 20 (16) 4761-5.
Journal code: A0G; 0370623. ISSN: 0006-2960.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 198201
ED Entered STN: 19900316
Last Updated on STN: 19900316
Entered Medline: 19820109

L2 ANSWER 5 OF 5 MEDLINE
AN 72087611 MEDLINE
DN 72087611 PubMed ID: 5008182
TI **Circular** dichroism of **polynucleotides: dimers** as a
function of conformation.
AU Johnson W C Jr; Itzkowitz M S; Tinoco I Jr
SO BIOPOLYMERS, (1972 Jan) 11 (1) 225-34.
Journal code: A5Z. ISSN: 0006-3525.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 197203
ED Entered STN: 19900310
Last Updated on STN: 19900310
Entered Medline: 19720327

=> s circular (2a) DNA (1a) amplification
37284 CIRCULAR
29 CIRCULARS
37307 CIRCULAR
(CIRCULAR OR CIRCULARS)
588665 DNA
10598 DNAS
589877 DNA
(DNA OR DNAS)
36402 AMPLIFICATION
1145 AMPLIFICATIONS
36906 AMPLIFICATION
(AMPLIFICATION OR AMPLIFICATIONS)
L3 7 CIRCULAR (2A) DNA (1A) AMPLIFICATION

=> d 13 1-7

L3 ANSWER 1 OF 7 MEDLINE
AN 91117190 MEDLINE

DN 91117190 PubMed ID: 2277641
 TI Detection of a protein encoded by a class II mitochondrial intron of *Podospora anserina*.
 AU Sellem C H; Sainsard-Chanet A; Belcour L
 CS Centre de Genetique Moleculaire, C.N.R.S., Gif-sur-Yvette, France.
 SO MOLECULAR AND GENERAL GENETICS, (1990 Nov) 224 (2) 232-40.
 Journal code: NGP; 0125036. ISSN: 0026-8925.
 CY GERMANY: Germany, Federal Republic of
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199103
 ED Entered STN: 19910329
 Last Updated on STN: 19910329
 Entered Medline: 19910301

L3 ANSWER 2 OF 7 MEDLINE
 AN 91066339 MEDLINE
 DN 91066339 PubMed ID: 2250296
 TI Ability of circular extrachromosomal DNA molecules to carry amplified MYCN proto-oncogenes in human neuroblastomas in vivo.
 AU VanDevanter D R; Piaskowski V D; Casper J T; Douglass E C; Von Hoff D D
 CS Tumor Institute, Swedish Hospital Medical Center, Seattle, Wash.
 NC CA-21765 (NCI)
 CA-23099 (NCI)
 CA-48405 (NCI)
 SO JOURNAL OF THE NATIONAL CANCER INSTITUTE, (1990 Dec 5) 82 (23) 1815-21.
 Journal code: J9J; 7503089. ISSN: 0027-8874.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199101
 ED Entered STN: 19910308
 Last Updated on STN: 19910308
 Entered Medline: 19910115

L3 ANSWER 3 OF 7 MEDLINE
 AN 90279054 MEDLINE
 DN 90279054 PubMed ID: 2352324
 TI Efficient duck hepatitis B virus production by an avian liver tumor cell line.
 AU Condreay L D; Aldrich C E; Coates L; Mason W S; Wu T T
 CS Fox Chase Cancer Center, Philadelphia, Pennsylvania 19111.
 NC AI-18641 (NIAID)
 CA-06927 (NCI)
 RR-05539 (NCRR)
 +
 SO JOURNAL OF VIROLOGY, (1990 Jul) 64 (7) 3249-58.
 Journal code: KCV; 0113724. ISSN: 0022-538X.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199007
 ED Entered STN: 19900824
 Last Updated on STN: 19970203
 Entered Medline: 19900713

L3 ANSWER 4 OF 7 MEDLINE

AN 90244396 MEDLINE
 DN 90244396 PubMed ID: 2335817
 TI Hepadnavirus envelope proteins regulate covalently closed **circular DNA amplification**.
 AU Summers J; Smith P M; Horwich A L
 CS Department of Cell Biology, University of New Mexico School of Medicine, Albuquerque 87131.
 NC AM34989 (NIADDK)
 CA06927 (NCI)
 CA42542 (NCI)
 SO JOURNAL OF VIROLOGY, (1990 Jun) 64 (6) 2819-24.
 Journal code: KCV; 0113724. ISSN: 0022-538X.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199006
 ED Entered STN: 19900706
 Last Updated on STN: 19900706
 Entered Medline: 19900614

L3 ANSWER 5 OF 7 MEDLINE
 AN 88144031 MEDLINE
 DN 88144031 PubMed ID: 3344223
 TI Characterization of the 'unusual' mobility of large circular DNAs in pulsed field-gradient electrophoresis.
 AU Beverley S M
 CS Department of Biological Chemistry and Molecular Pharmacology, Harvard Medical School, Boston, MA 02115.
 NC AI 21903 (NIAID)
 SO NUCLEIC ACIDS RESEARCH, (1988 Feb 11) 16 (3) 925-39.
 Journal code: O8L; 0411011. ISSN: 0305-1048.
 CY ENGLAND: United Kingdom
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 198803
 ED Entered STN: 19900308
 Last Updated on STN: 19970203
 Entered Medline: 19880329

L3 ANSWER 6 OF 7 MEDLINE
 AN 87081383 MEDLINE
 DN 87081383 PubMed ID: 3792837
 TI [DNA metabolism during maturation of male germ cells. II. Amplification structures in the nuclei of rat germ and somatic cells].
 Metabolizm DNK v protsesse sozrevaniia muzhskikh polovykh kletok. Soobshchenie II. Amplifikatsionnye struktury v iadrakh polovykh i somaticheskikh kletok krysy.
 AU Glazkov M V
 SO GENETIKA, (1986 Oct) 22 (10) 2430-8.
 Journal code: FNN; 0047354. ISSN: 0016-6758.
 CY USSR
 DT Journal; Article; (JOURNAL ARTICLE)
 LA Russian
 FS Priority Journals
 EM 198702
 ED Entered STN: 19900302
 Last Updated on STN: 19900302
 Entered Medline: 19870210

L3 ANSWER 7 OF 7 MEDLINE
 AN 81199348 MEDLINE
 DN 81199348 PubMed ID: 6940128
 TI A mechanism of DNA transposition.
 AU Harshey R M; Bukhari A I
 NC GM23566 (NIGMS)
 SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, (1981 Feb) 78 (2) 1090-4.
 Journal code: PV3; 7505876. ISSN: 0027-8424.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 198107
 ED Entered STN: 19900316
 Last Updated on STN: 19970203
 Entered Medline: 19810709

=> FIL STNGUIDE

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
3.30	10.07

FULL ESTIMATED COST

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 LAST RELOADED: Apr 20, 2001 (20010420/UP).

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COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.00	10.07

FULL ESTIMATED COST

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LOGINID:sssptal656sxc

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AND CURRENT DISCOVER FILE IS DATED 04/06

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=> FIL BIOSIS MEDLINE EMBASE LIFESCI CAPLUS
COST IN U.S. DOLLARS

	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.15	0.15

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```

=> s circular
L1      180125 CIRCULAR

=> s polynucleotide or polynucleotides
L2      31917 POLYNUCLEOTIDE OR POLYNUCLEOTIDES

=> s 11|12
L3      0 L1|L2

=> s 11 and 12
L4      1599 L1 AND L2

=> s amplification
L5      200644 AMPLIFICATION

=> s 14 and 15
L6      13 L4 AND L5

=> dup rem l6
PROCESSING COMPLETED FOR L6
L7      12 DUP REM L6 (1 DUPLICATE REMOVED)

=> d 17 1-12

```

```

L7  ANSWER 1 OF 12  BIOSIS  COPYRIGHT 2001 BIOSIS
AN  2001:186751  BIOSIS
DN  PREV200100186751
TI  Ff gene 5 protein has a high binding affinity for single-stranded
    phosphorothioate DNA.
AU  Mou, Tung-Chung; Gray, Carla W.; Terwilliger, Thomas C.; Gray, Donald M.
    (1)
CS  (1) Department of Molecular and Cell Biology, University of Texas at
    Dallas, Richardson, TX, 75083-0688: donggray@utdallas.edu USA
SO  Biochemistry, (February 20, 2001) Vol. 40, No. 7, pp. 2267-2275. print.
    ISSN: 0006-2960.
DT  Article
LA  English
SL  English

```

```

L7  ANSWER 2 OF 12  CAPLUS  COPYRIGHT 2001 ACS
AN  2000:133875  CAPLUS
DN  132:190470
TI  Rolling circle-based analysis of polynucleotide sequence
IN  Woodward, Karen L.; Nallur, Girish N.; Taylor, Seth
PA  Packard Bioscience Company, USA
SO  PCT Int. Appl., 126 pp.
    CODEN: PIXXD2
DT  Patent
LA  English

```

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	WO 2000009738	A1	20000224	WO 1999-US18808	19990817
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG,				

CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
 AU 9955706 A1 20000306 AU 1999-55706 19990817
 PRAI US 1998-96830 P 19980817
 US 1998-102535 P 19980930
 US 1998-106885 P 19981103
 US 1998-106910 P 19981103
 WO 1999-US18808 W 19990817

RE.CNT 7

RE

- (1) Fire; US 5648245 A 1997 CAPLUS
- (2) Gruss; US 5919678 A 1999 CAPLUS
- (3) Kool; US 5714320 A 1998 CAPLUS
- (4) Lizardi; Nature Genetics 1998, V19(3), P225 CAPLUS
- (5) Stemmer; US 5834252 A 1998 CAPLUS

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 3 OF 12 CAPLUS COPYRIGHT 2001 ACS

AN 1999:537905 CAPLUS

DN 131:140483

TI Nucleic acid **amplification** method: ramification-extension
amplification method

IN Zhang, David Y.; Brandwein, Margaret; Hsuih, Terence C. H.

PA Mount Sinai School of Medicine, USA

SO U.S., 51 pp., Cont.-in-part of U.S. 263,937, abandoned.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 5

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5942391	A	19990824	US 1996-690494	19960731
	WO 9535390	A1	19951228	WO 1995-US7671	19950614
	W: JP, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	WO 9804746	A1	19980205	WO 1997-US13391	19970730
	W: JP				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT,				
SE	EP 915991	A1	19990519	EP 1997-935208	19970730
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				
	IE, FI				
PRAI	US 1994-263937	B2	19940622		
	WO 1995-US7671	B2	19950614		
	US 1996-690494	A	19960731		
	WO 1997-US13391	W	19970730		

RE.CNT 55

RE

- (2) Anon; EP 0185494 1986 CAPLUS
- (3) Anon; EP 0324616 1989 CAPLUS
- (4) Anon; EP 0357336 1990 CAPLUS
- (5) Anon; WO 9001065 1990 CAPLUS
- (6) Anon; JP 04-262799 1992 CAPLUS

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 4 OF 12 CAPLUS COPYRIGHT 2001 ACS

AN 1998:106059 CAPLUS

DN 128:163645

TI Nucleic acid **amplification** method: ramification-extension
amplification method (ram)

IN Zhang, David Y.; Brandwein, Margaret; Hsuih, Terence C. H.

PA Mount Sinai School of Medicine of the City University of New York, USA

SO PCT Int. Appl., 133 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 5

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9804746	A1	19980205	WO 1997-US13391	19970730
	W: JP				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT,				
SE	US 5942391	A	19990824	US 1996-690494	19960731
	EP 915991	A1	19990519	EP 1997-935208	19970730
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				
	IE, FI				
PRAI	US 1996-690494	A	19960731		
	US 1994-263937	B2	19940622		
	WO 1995-US7671	B2	19950614		
	WO 1997-US13391	W	19970730		

L7 ANSWER 5 OF 12 CAPLUS COPYRIGHT 2001 ACS

AN 1998:106058 CAPLUS

DN 128:176931

TI Nucleic acid **amplification** method: hybridization signal

amplification method (HSAM)

IN Zhang, David Y.; Brandwein, Margaret

PA Mount Sinai School of Medicine of the City University of New York, USA

SO PCT Int. Appl., 137 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 5

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9804745	A1	19980205	WO 1997-US13390	19970730
	W: JP				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT,				
SE	US 5876924	A	19990302	US 1996-690495	19960731
	EP 1007728	A1	20000614	EP 1997-935207	19970730
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				
	IE, FI				
PRAI	US 1996-690495	A	19960731		
	US 1994-263937	B2	19940622		
	US 1996-596331	A2	19960520		
	WO 1997-US13390	W	19970730		

L7 ANSWER 6 OF 12 CAPLUS COPYRIGHT 2001 ACS

AN 1998:734973 CAPLUS

DN 130:1163

TI Isothermal **amplification** of nucleic acid molecules using a single primer and the Cre recombinase/lox site system

IN Auerbach, Jeffrey I.

PA Replicon Inc., USA

SO U.S., 50 pp., Cont.-in-part of U.S. 5,733,733.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 6

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
--	------------	------	------	-----------------	------

PI	US 5834202	A	19981110	US 1997-906491	19970805
	US 5591609	A	19970107	US 1995-383327	19950203
	US 5614389	A	19970325	US 1995-533852	19950926
	US 5733733	A	19980331	US 1996-595226	19960201
	US 6218152	B1	20010417	US 1998-188214	19981109
PRAI	US 1992-924643	B2	19920804		
	US 1992-933945	B2	19920824		
	US 1995-383327	A2	19950203		
	US 1995-533852	A2	19950926		
	US 1996-595226	A2	19960201		
	WO 1993-US7309	A2	19930804		
	US 1993-136405	A1	19931015		
	US 1997-906491	A1	19970805		

RE.CNT 25

RE

- (1) Abremski, K; Cell 1983, V32, P1301 CAPLUS
- (2) Anon; WO 8810315 1988 CAPLUS
- (3) Anon; EP 329822 1989 CAPLUS
- (4) Anon; WO 8906700 1989 CAPLUS
- (5) Anon; WO 9011375 1990 CAPLUS

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 7 OF 12 CAPLUS COPYRIGHT 2001 ACS

AN 1998:207284 CAPLUS

DN 128:240326

TI Methods for the isothermal **amplification** of nucleic acid molecules

IN Auerbach, Jeffrey I.

PA Replicon, Inc., USA

SO U.S., 49 pp. Cont.-in-part of U.S. 5,614,389.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 6

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	US 5733733	A	19980331	US 1996-595226	19960201
	US 5591609	A	19970107	US 1995-383327	19950203
	US 5614389	A	19970325	US 1995-533852	19950926
	US 5834202	A	19981110	US 1997-906491	19970805
	US 6218152	B1	20010417	US 1998-188214	19981109
PRAI	US 1992-924643	B2	19920804		
	US 1992-933945	B2	19920824		
	US 1995-383327	A2	19950203		
	US 1995-533852	A2	19950926		
	WO 1993-US7309	A2	19930804		
	US 1993-136405	A1	19931015		
	US 1996-595226	A2	19960201		
	US 1997-906491	A1	19970805		

L7 ANSWER 8 OF 12 CAPLUS COPYRIGHT 2001 ACS

AN 1998:15871 CAPLUS

DN 128:85138

TI Padlock probe detection in nucleic acid **amplification** combined with ligation

IN Kumar, Rajan

PA Sarnoff Corporation, USA

SO PCT Int. Appl., 26 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9747769	A1	19971218	WO 1997-US9802	19970616
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	US 5912124	A	19990615	US 1996-665208	19960614
	CA 2258742	AA	19971218	CA 1997-2258742	19970616
	AU 9732322	A1	19980107	AU 1997-32322	19970616
	EP 1007725	A1	20000614	EP 1997-927997	19970616
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	JP 2000512148	T2	20000919	JP 1998-501697	19970616
PRAI	US 1996-665208	A	19960614		
	WO 1997-US9802	W	19970616		

L7 ANSWER 9 OF 12 MEDLINE
 AN 89057525 MEDLINE
 DN 89057525 PubMed ID: 3194230
 TI Direct sequencing of polymerase chain reaction amplified DNA fragments through the incorporation of deoxynucleoside alpha-thiotriphosphates.
 AU Nakamaye K L; Gish G; Eckstein F; Vosberg H P
 CS Max-Planck-Institut fur Experimentelle Medizin, Abteilung Chemie, Gottingen, FRG.
 SO NUCLEIC ACIDS RESEARCH, (1988 Nov 11) 16 (21) 9947-59.
 Journal code: O8L; 0411011. ISSN: 0305-1048.
 CY ENGLAND: United Kingdom
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 198901
 ED Entered STN: 19900308
 Last Updated on STN: 19980206
 Entered Medline: 19890105

L7 ANSWER 10 OF 12 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 1
 AN 1980:180459 BIOSIS
 DN BA69:55455
 TI THE BINDING OF ARGININE PEPTIDES AND LYSINE PEPTIDES TO SINGLE STRANDED POLY RIBO NUCLEOTIDES AND ITS EFFECT ON THE POLYMER CONFORMATION.
 AU PORSCHE D
 CS MAX-PLANCK-INST. BIOPHYS. CHEM., 34 GOTTINGEN, W. GER.
 SO BIOPHYS CHEM, (1979) 10 (1), 1-16.
 CODEN: BICIAZ. ISSN: 0301-4622.
 FS BA; OLD
 LA English

L7 ANSWER 11 OF 12 MEDLINE
 AN 78205578 MEDLINE
 DN 78205578 PubMed ID: 208239
 TI **Amplification** of two endo R-Hind III-restricted fragments of the DNA of herpes simplex virus type 1.
 AU Biswal N; Sharma S; Khan N C; Cabral G A; Patterson M
 SO VIROLOGY, (1978 Apr) 85 (2) 568-86.
 Journal code: XEA; 0110674. ISSN: 0042-6822.

CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 197808
 ED Entered STN: 19900314
 Last Updated on STN: 19980206
 Entered Medline: 19780828

L7 ANSWER 12 OF 12 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.
 AN 76015237 EMBASE
 DN 1976015237
 TI **Amplification of a circular** segment of SV40 DNA.
 AU Davoli D.; Fareed G.E.
 CS Dept. Biol. Chem., Harvard Med. Sch., Boston, Mass. 02115, United States
 SO Nature, (1974) 251/5471 (153-155).
 CODEN: NATUAS
 DT Journal
 FS 029 Clinical Biochemistry
 047 Virology
 LA English

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	ENTRY	SESSION
FULL ESTIMATED COST	24.07	24.22

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=> s copy(1a)number
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=> s cloning
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 L10 0 CLONING

=> s circularized (1a) cDNA
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 0 CDNA
 L11 0 CIRCULARIZED (1A) CDNA

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L13    0 RACE
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E3      0 --> CLONING/BI
E4     20      CLOSED/BI
E5      1      CLOSINGS/BI
E6      1      CLOUD/BI
E7      4      CLP/BI
E8      1      CLPCOM/BI
E9      1      CLT/BI
E10     1      CLUP/BI
E11     27      CLUSTER/BI
E12     1      CLUSTERA/BI
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=> e clone
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E2      6      CLMN/BI
E3      0 --> CLONE/BI
E4     20      CLOSED/BI
E5      1      CLOSINGS/BI
E6      1      CLOUD/BI
E7      4      CLP/BI
E8      1      CLPCOM/BI
E9      1      CLT/BI
E10     1      CLUP/BI
E11     27      CLUSTER/BI
E12     1      CLUSTERA/BI
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 FILE LAST UPDATED: 23 Apr 2001 (20010423/ED)

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E3	63990	--> CLONE/BI
E4	1	CLONE19/BI
E5	1	CLONE1A/BI
E6	1	CLONE2/BI
E7	1	CLONE20/BI
E8	1	CLONE22/BI
E9	3	CLONE3/BI
E10	1	CLONE30/BI
E11	1	CLONE4/BI
E12	2	CLONE41/BI

=> s cloning

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	26	CLONINGS
L14	104152	CLONING
		(CLONING OR CLONINGS)

=> d his

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24 FILE 'BIOSIS, MEDLINE, EMBASE, LIFESCI, CAPLUS' ENTERED AT 16:44:48 ON

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L1	180125	S CIRCULAR
L2	31917	S POLYNUCLEOTIDE OR POLYNUCLEOTIDES
L3	0	S L1 L2
L4	1599	S L1 AND L2
L5	200644	S AMPLIFICATION
L6	13	S L4 AND L5
L7	12	DUP REM L6 (1 DUPLICATE REMOVED)

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L11	0	S CIRCULARIZED (1A) CDNA
L12	0	S CIRCULARIZED CDNA
L13	0	S RACE
		E CLONING

E CLONE

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E CLONE

L14 104152 S CLONING

=> FIL BIOSIS MEDLINE EMBASE LIFESCI CAPLUS

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FILE 'EMBASE' ENTERED AT 16:56:18 ON 24 APR 2001

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=> s cloning

L15 406456 CLONING

=> s circular DNA

L16 9560 CIRCULAR DNA

=> s l15 and l16

L17 669 L15 AND L16

=> s PCR

L18 341524 PCR

=> s l17 and l18

L19 52 L17 AND L18

=> dup rem l19

PROCESSING COMPLETED FOR L19

L20 33 DUP REM L19 (19 DUPLICATES REMOVED)

=> d l20 1-33

L20 ANSWER 1 OF 33 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.

AN 2001069549 EMBASE

TI In planta expression of a protein encoded by the extrachromosomal DNA of
a

phytoplasma and related to geminivirus replication proteins.

AU Nishigawa H.; Miyata S.-I.; Oshima K.; Sawanagi T.; Komoto A.; Kuboyama
T.; Matsuda I.; Tsuchizaki T.; Namba S.

CS S. Namba, Laboratory of Bioresource Technology, Graduate School of
Frontier Sciences, The University of Tokyo, 1-1-1 Yayoi, Bunkyo-ku, Tokyo
113-8657, Japan. snamba@ims.u-tokyo.ac.jp

SO Microbiology, (2001) 147/2 (507-513).

Refs: 27

ISSN: 1350-0872 CODEN: MROBEO
CY United Kingdom
DT Journal; Article
FS 004 Microbiology
LA English
SL English

L20 ANSWER 2 OF 33 CAPLUS COPYRIGHT 2001 ACS
AN 2000:829999 CAPLUS
DN 133:359775
TI Method for constructing gene-targeting vectors, transgenic organism
preparation, and cDNA library screening
IN Akiyama, Kiyotaka; Sasai, Taira; Watabe, Hirotaka
PA Japan Tobacco, Inc., Japan
SO Jpn. Kokai Tokkyo Koho, 59 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2000325091	A2	20001128	JP 2000-81795	20000317
PRAI	JP 1999-71390	A	19990317		

L20 ANSWER 3 OF 33 MEDLINE DUPLICATE 1
AN 2000393810 MEDLINE
DN 20392374 PubMed ID: 10931936
TI A novel method for constructing gene-targeting vectors.
AU Akiyama K; Watanabe H; Tsukada S; Sasai H
CS Pharmaceutical Frontier Research Laboratories, Central Pharmaceutical
Research Institute, Japan Tobacco Inc., 13-2, Fukuura 1-chome,
kanazawa-ku, Yokohama, Kanagawa, Japan.. kiyotaka.akiyama@ims.jti.co.jp
SO NUCLEIC ACIDS RESEARCH, (2000 Aug 15) 28 (16) E77.
Journal code: DF1; 100889981. ISSN: 1362-4962.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200008
ED Entered STN: 20000824
Last Updated on STN: 20000824
Entered Medline: 20000816

L20 ANSWER 4 OF 33 LIFESCI COPYRIGHT 2001 CSA
AN 2000:108578 LIFESCI
TI A novel method for constructing gene-targeting vectors
AU Akiyama, K.; Watanabe, H.; Tsukada, S.; Sasai, H.
CS Pharmaceutical Frontier Research Laboratories, Central Pharmaceutical
Research Institute, Japan Tobacco Inc., 13-2, Fukuura 1-chome,
kanazawaku,
Yokohama, Kanagawa, Japan; E-mail: kiyotaka.akiyama@ims.jti.co.jp
SO Nucleic Acids Research [Nucleic Acids Res.], (20000815) vol. 28, no. 16,
e77.
ISSN: 0305-1048.
DT Journal
FS W3; N
LA English
SL English

L20 ANSWER 5 OF 33 CAPLUS COPYRIGHT 2001 ACS
AN 1999:451387 CAPLUS

DN 131:98467
TI In vitro amplification of **circular DNA** by a
ligation-during amplification method
IN Chen, Zhidong; Ruffner, Duane E.
PA University of Utah Research Foundation, USA
SO PCT Int. Appl., 24 pp.
CODEN: PIXXD2

DT Patent
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	<u>WO 9935281</u>	A1	19990715	WO 1999-US455	19990109
	W: CA, JP, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	EP 1044281	A1	20001018	EP 1999-901389	19990109
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
PRAI	US 1998-71101	P	19980109		
	WO 1999-US455	W	19990109		

RE.CNT 5

RE

- (1) Gelfand; US 5561058 A 1996 CAPLUS
- (2) Sorge; US 5354656 A 1994 CAPLUS
- (3) Stemmer; US 5514568 A 1996 CAPLUS
- (4) Weiner; US 5523221 A 1996 CAPLUS
- (5) Yue; US 5658751 A 1997 CAPLUS

L20 ANSWER 6 OF 33 CAPLUS COPYRIGHT 2001 ACS

AN 1999:704913 CAPLUS

DN 131:332987

TI Multifragment in vivo **cloning** using homologous recombination at sites of partial homology for plasmid construction, and use for mutation mapping

IN Passmore, Steven E.; Marykwas, Donna L.

PA USA

SO U.S., 27 pp.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5976846	A	19991102	US 1996-584322	19960113

RE.CNT 12

RE

- (1) Cohen; US 4237224 1980 CAPLUS
- (2) Degryse, E; Yeast 1995, V11, P629 CAPLUS
- (3) Goeddel; US 5223408 1993 CAPLUS
- (4) Jones; US 5286632 1994 CAPLUS
- (5) Kunes, S; Genetics 1987, V115, P73 CAPLUS

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 7 OF 33 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.

AN 1999141957 EMBASE

TI Kinetoplast minicircle DNA from Leishmania (Viannia) lainsoni.

AU McCann S.H.E.; Eresh S.; Barker D.C.

CS D.C. Barker, Molteno Laboratories, Department of Pathology, University of Cambridge, Tennis Court Road, Cambridge CB2 1QP, United Kingdom.
dcb12@mole.bio.cam.ac.uk

SO Parasitology, (1999) 118/4 (371-374).

Refs: 6

ISSN: 0031-1820 CODEN: PARAAE

CY United Kingdom

DT Journal; Article

FS 004 Microbiology

LA English

SL English

L20 ANSWER 8 OF 33 MEDLINE

DUPLICATE 2

AN 1999132308 MEDLINE

DN 99132308 PubMed ID: 9931510

TI Rat NAP1: cDNA **cloning** and upregulation by Mpl ligand.

AU Cataldo L M; Zhang Y; Lu J; Ravid K

CS Department of Biochemistry, Whitaker Cardiovascular Institute, Boston University School of Medicine, Boston MA 02118, USA.

NC HL53080 (NHLBI)

HL58547 (NHLBI)

SO GENE, (1999 Jan 21) 226 (2) 355-64.

Journal code: FOP; 7706761. ISSN: 0378-1119.

CY Netherlands

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 199903

ED Entered STN: 19990326

Last Updated on STN: 19990326

Entered Medline: 19990316

L20 ANSWER 9 OF 33 BIOSIS COPYRIGHT 2001 BIOSIS

AN 1999:135398 BIOSIS

DN PREV199900135398

TI Rat NAP1: cDNA **cloning** and upregulation by Mpl ligand.

AU Cataldo, Leah M.; Zhang, Ying; Lu, Jun; Ravid, Katya (1)

CS (1) Department Biochemistry, Whitaker Cardiovascular Institute, Boston University School Medicine, Boston, MA 02118 USA

SO Gene (Amsterdam), (Jan. 21, 1999) Vol. 226, No. 2, pp. 335-364.

ISSN: 0378-1119.

DT Article

LA English

L20 ANSWER 10 OF 33 CAPLUS COPYRIGHT 2001 ACS

AN 1998:608701 CAPLUS

DN 129:198870

TI Method for assembly of multiple DNA fragments with relatively long overhangs

IN Sharon, Gil

PA Gesher-Israel Advanced Biotecs (1996) Ltd., Israel

SO PCT Int. Appl., 89 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	WO 9838298	A1	19980903	WO 1998-IL96	19980226
	W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			

RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI,
 FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM,
 GA, GN, ML, MR, NE, SN, TD, TG

AU 9861124 A1 19980918 AU 1998-61124 19980226
 EP 1012264 A1 20000628 EP 1998-905596 19980226
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, FI

PRAI IL 1997-120339 A 19970227
 WO 1998-IL96 W 19980226

L20 ANSWER 11 OF 33 CAPLUS COPYRIGHT 2001 ACS
 AN 1998:788693 CAPLUS
 DN 130:48294
 TI Efficient and simpler method to construct normalized cDNA libraries with
 improved representations of full-length cDNAs
 IN Soares, Marcelo Bento; Bonaldo, Mariade Fatima
 PA The Trustees of Columbia University In the City of New York, USA
 SO U.S., 28 pp.
 CODEN: USXXAM

DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	US 5846721	A	19981208	US 1996-715941	19960919
RE.CNT	12				

RE

- (1) Adams, M; Nature 1992, V355, P632 CAPLUS
- (2) Adams, M; Nature Genetics 1993, V4, P256 CAPLUS
- (3) Adams, M; Science 1991, V252, P1651 CAPLUS
- (4) Bonaldo; US 5702898 1997 CAPLUS
- (5) Bonaldo; Genome Res 1996, V6(9), P791 CAPLUS

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 12 OF 33 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.DUPLICATE 3
 AN 1999042435 EMBASE
 TI Failure to achieve gene conversion with chimeric circular
 oligonucleotides: Potentially misleading PCR artifacts observed.
 AU Zhang Z.; Eriksson M.; Falk G.; Graff C.; Presnell S.C.; Read M.S.;
 Nichols T.C.; Blomback M.; Anvret M.
 CS Dr. Z. Zhang, Clinical Neurogenetic Unit, Department of Molecular
 Medicine, CMM L8-2-58 Karolinska Hospital, 171 76 Stockholm, Sweden
 SO Antisense and Nucleic Acid Drug Development, (1998) 8/6 (531-536).
 Refs: 14
 ISSN: 1087-2906 CODEN: ANADF5

CY United States
 DT Journal; Article
 FS 022 Human Genetics
 LA English
 SL English

L20 ANSWER 13 OF 33 CAPLUS COPYRIGHT 2001 ACS
 AN 1998:458634 CAPLUS
 DN 129:226198
 TI Electron microscopic observation of genomic DNA in **cloning**
 procedure
 AU Xu, Junhuan; Feng, Mingguang
 CS Department of Biological Sciences, Zhejiang Agricultural University,
 Hangzhou, 310029, Peop. Rep. China
 SO Dianzi Xianwei Xuebao (1998), 17(3), 280-284
 CODEN: DXIXF4; ISSN: 1000-6281

PB Zhongguo Dianzi Xianweijing Xuehui
DT Journal
LA Chinese

L20 ANSWER 14 OF 33 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.

AN 1998037431 EMBASE

TI **Cloning** and nucleotide sequence of the DNA gyrase gyrA gene from *Serratia marcescens* and characterization of mutations in gyrA of quinolone-resistant clinical isolates.

AU Jeong Hoon Kim; Eun Hee Cho; Kwang Seo Kim; Hak Yeop Kim; Young Min Kim

CS Y.M. Kim, Molecular Microbiology Laboratory, Department of Biology, Yonsei

University, Seoul 120-749, Korea, Republic of.

young547@bubble.yonsei.ac.kr

SO Antimicrobial Agents and Chemotherapy, (1998) 42/1 (190-193).

Refs: 47

ISSN: 0066-4804 CODEN: AMACQ

CY United States

DT Journal; Article

FS 004 Microbiology

030 Pharmacology

037 Drug Literature Index

LA English

SL English

L20 ANSWER 15 OF 33 CAPLUS COPYRIGHT 2001 ACS

AN 1997:504777 CAPLUS

DN 127:215644

TI **Cloning** of linear DNAs in vivo by overexpressed T4 DNA ligase: construction of a T4 phage hoc gene display vector.

AU Ren, Z. J.; Baumann, R. G.; Black, L. W.

CS Department of Biochemistry and Molecular Biology, University of Maryland School of Medicine, Baltimore, USA

SO Gene (1997), 195(2), 303-311

CODEN: GENED6; ISSN: 0378-1119

PB Elsevier

DT Journal

LA English

L20 ANSWER 16 OF 33 CAPLUS COPYRIGHT 2001 ACS

AN 1997:37476 CAPLUS

DN 126:70809

TI Amplification of gene-regulating regions with single-sided specificity

AU Luo, Mei-Zhong; Cella, Rino

CS Department de Genetica e Microbiologia, Universita Pavia, Italy

SO Methods Mol. Biol. (Totowa, N. J.) (1997), 67(PCR Cloning Protocols), 239-246

CODEN: MMBIED; ISSN: 1064-3745

PB Humana

DT Journal

LA English

L20 ANSWER 17 OF 33 MEDLINE

DUPLICATE 4

AN 95173430 MEDLINE

DN 95173430 PubMed ID: 7868897

TI Secondary deletional recombination of rearranged switch region in Ig isotype-switched B cells. A mechanism for isotype stabilization.

AU Zhang K; Cheah H K; Saxon A

CS Hart and Louise Lyon Laboratory, Division of Clinical Immunology and Allergy, University of California Los Angeles School of Medicine, 90024-1680.

NC AI-15251 AI-34567 (NIAID)
 SO JOURNAL OF IMMUNOLOGY, (1995 Mar 1) 154 (5) 2237-47.
 Journal code: IFB; 2985117R. ISSN: 0022-1767.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Abridged Index Medicus Journals; Priority Journals
 OS GENBANK-S75377; GENBANK-S75378; GENBANK-S75379; GENBANK-S75382;
 GENBANK-S75384; GENBANK-S75386
 EM 199503
 ED Entered STN: 19950407
 Last Updated on STN: 19950407
 Entered Medline: 19950329

L20 ANSWER 18 OF 33 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 5
 AN 1995:391669 BIOSIS
 DN PREV199598405969
 TI Subpopulations of non-coding control region variants within a cell
 culture-passaged stock of BK virus: Sequence comparisons and biological
 characteristics.
 AU Johnsen, John Inge; Seternes, Ole Morten; Johansen, Terje; Moens, Ugo;
 Mantyjarvi, Rauno; Traavik, Terje (1)
 CS (1) Dep. Virol., Inst. Med. Biol., MH-Bygget, Breivika, Univ. Tromso,
 N-9037 Tromso Norway
 SO Journal of General Virology, (1995) Vol. 76, No. 7, pp. 1571-1581.
 ISSN: 0022-1317.
 DT Article
 LA English

L20 ANSWER 19 OF 33 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.
 AN 95365152 EMBASE
 DN 1995365152
 TI Characterization of the cDNA and pattern of expression of a new gene
 over-expressed in human hepatomas and colonic tumors.
 AU Charrasse S.; Mazel M.; Taviaux S.; Berta P.; Chow T.; Larroque C.
 CS INSERM Unite 128, Route de Mende, BP 5051, F-34033 Montpellier Cedex,
 France
 SO European Journal of Biochemistry, (1995) 234/2 (406-413).
 ISSN: 0014-2956 CODEN: EJBCAI
 CY Germany
 DT Journal; Article
 FS 016 Cancer
 029 Clinical Biochemistry
 048 Gastroenterology
 LA English
 SL English

L20 ANSWER 20 OF 33 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.
 AN 95161312 EMBASE
 DN 1995161312
 TI ADAM, a widely distributed and developmentally regulated gene family
 encoding membrane proteins wit A Disintegrin And Metalloprotease domain.
 AU Wolfsberg T.G.; Straight P.D.; Gerena R.L.; Huovila A.-P.J.; Primakoff
 P.;
 Myles D.G.; White J.M.
 CS Department of Pharmacology, University of California, San Francisco, CA
 94143, United States
 SO Developmental Biology, (1995) 169/1 (378-383).
 ISSN: 0012-1606 CODEN: DEBIAO
 CY United States
 DT Journal; Article

FS 021 Developmental Biology and Teratology
 022 Human Genetics
 LA English
 SL English

L20 ANSWER 21 OF 33 CAPLUS COPYRIGHT 2001 ACS
 AN 1995:554523 CAPLUS
 DN 123:134254
 TI Analysis of recombination junctions in extrachromosomal **circular DNA** obtained by in-gel competitive reassociation
 AU Iwasaki, Toshiyasu; Ohki, Rieko; Kiyama, Ryoiti; Oishi, Michio
 CS Institute of Molecular and Cellular Biosciences, University of Tokyo, Yayoi, Bunkyo-ku, Tokyo, 113, Japan
 SO FEBS Lett. (1995), 363(3), 239-45
 CODEN: FEBLAL; ISSN: 0014-5793
 DT Journal
 LA English

L20 ANSWER 22 OF 33 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 6
 AN 1994:220991 BIOSIS
 DN PREV199497233991
 TI Switch circles from IL-4-directed epsilon class switching from human B lymphocytes. Evidence for direct, sequential, and multiple step sequential switch from mu to epsilon Ig heavy chain gene.
 AU Zhang, Ke (1); Mills, Frederick C.; Saxon, Andrew
 CS (1) Division Clinical Immunology/Allergy, Dep. Medicine, UCLA School Medicine, Los Angeles, CA 90024-1680 USA
 SO Journal of Immunology, (1994) Vol. 152, No. 7, pp. 3427-3435.
 ISSN: 0022-1767.
 DT Article
 LA English

L20 ANSWER 23 OF 33 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.
 AN 94165078 EMBASE
 DN 1994165078
 TI **PCR** amplification of antibody variable regions using primers that anneal to constant regions.
 AU Sassano M.; Repetto M.; Cassani G.; Corti A.
 CS Tecnogen ScpA, Molecular Immunology Biochem Unit, Localita La Fagianeria, 81015 Piana di Monte Verna (Caserta), Italy
 SO Nucleic Acids Research, (1994) 22/9 (1768-1769).
 ISSN: 0305-1048 CODEN: NARHAD
 CY United Kingdom
 DT Journal; Article
 FS 022 Human Genetics
 026 Immunology, Serology and Transplantation
 029 Clinical Biochemistry
 LA English

L20 ANSWER 24 OF 33 MEDLINE
 AN 93189582 MEDLINE
 DN 93189582 PubMed ID: 8446592
 TI Isolation of proteins associated with kinetoplast DNA networks in vivo.
 AU Xu C; Ray D S
 CS Molecular Biology Institute, University of California, Los Angeles 90024.
 NC 1 S10RR05554-01 (NCRR)
 AI20080 (NIAID)
 SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, (1993 Mar 1) 90 (5) 1786-9.

Journal code: PV3; 7505876. ISSN: 0027-8424.

CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199304
 ED Entered STN: 19930416
 Last Updated on STN: 19930416
 Entered Medline: 19930408

L20 ANSWER 25 OF 33 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.
 AN 93155654 EMBASE
 DN 1993155654
 TI **Cloning** biologically active geminivirus DNA using **PCR**
 and overlapping primers.
 AU Patel V.P.; Rojas M.R.; Paplomatas E.J.; Gilbertson R.L.
 CS Department of Plant Pathology, University of California- Davis, Davis, CA
 95616, United States
 SO Nucleic Acids Research, (1993) 21/5 (1325-1326).
 ISSN: 0305-1048 CODEN: NARHAD
 CY United Kingdom
 DT Journal; Article
 FS 004 Microbiology
 022 Human Genetics
 LA English

L20 ANSWER 26 OF 33 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 7
 AN 1993:256433 BIOSIS
 DN PREV199395135608
 TI Use of degenerate primers in the polymerase chain reaction to detect
 whitefly-transmitted geminiviruses.
 AU Rojas, Maria R. (1); Gilbertson, Robert L.; Russell, David R.; Maxwell,
 Douglas P.
 CS (1) Dep. Plant Pathol., Univ. Wis., Madison, WI 53706
 SO Plant Disease, (1993) Vol. 77, No. 4, pp. 340-347.
 ISSN: 0191-2917.
 DT Article
 LA English

L20 ANSWER 27 OF 33 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.
 AN 93159575 EMBASE
 DN 1993159575
 TI Simplified construction of a subtracted cDNA library using asymmetric
PCR.
 AU Houge C.
 CS INSERM U-301, SD1 No 15954 CNRS, Centre Hayem, Hopital St Louis, F-75010
 Paris, France
 SO PCR Methods and Applications, (1993) 2/3 (204-209).
 ISSN: 1054-9803 CODEN: PMAPES
 CY United States
 DT Journal; Article
 FS 004 Microbiology
 029 Clinical Biochemistry
 LA English
 SL English

L20 ANSWER 28 OF 33 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 8
 AN 1993:229621 BIOSIS
 DN PREV199395120796
 TI Identification of a Babesia bovis gene with homology to the small subunit
 ribosomal RNA gene from the 35-kilobase **circular DNA**

of Plasmodium falciparum.
 AU Gozar, Mary Margaret G.; Bagnara, Aldo S. (1)
 CS (1) Sch. Biochem. Mol. Genet., Univ. N.S.W., P.O. Box 1, Kensington, NSW
 2033 Australia
 SO International Journal for Parasitology, (1993) Vol. 23, No. 1, pp.
 145-148.
 ISSN: 0020-7519.
 DT Article
 LA English

L20 ANSWER 29 OF 33 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.DUPLICATE 9
 AN 93141750 EMBASE
 DN 1993141750
 TI Characterization of human bone marrow-derived closed **circular**
DNA clones.
 AU Lou Z.; Kastury K.; Crilley P.; Lasota J.; Druck T.; Croce C.M.; Huebner
 K.
 CS Jefferson Cancer Institute, Thomas Jefferson University, 233 S. 10th
 St, Philadelphia, PA 19107, United States
 SO Genes Chromosomes and Cancer, (1993) 7/1 (15-27).
 ISSN: 1045-2257 CODEN: GCCAES
 CY United States
 DT Journal; Article
 FS 016 Cancer
 022 Human Genetics
 025 Hematology
 LA English
 SL English

L20 ANSWER 30 OF 33 CAPLUS COPYRIGHT 2001 ACS
 AN 1991:529079 CAPLUS
 DN 115:129079
 TI Site-specific mutagenesis and DNA recombination by using **PCR** to
 generate recombinant circles in vitro or by recombination of linear
PCR products in vivo
 AU Jones, Douglas H.; Winistorfer, Stanley C.
 CS Coll. Med., Univ. Iowa, Iowa City, IA, 52242, USA
 SO Methods (San Diego) (1991), 2(1), 2-10
 CODEN: MTHDE9; ISSN: 1046-2023
 DT Journal
 LA English

L20 ANSWER 31 OF 33 CAPLUS COPYRIGHT 2001 ACS
 AN 1990:492835 CAPLUS
 DN 113:92835
 TI Synthesis of double-stranded DNA using polymerase chain reaction
 IN Jones, D.
 PA National Institutes of Health, USA
 SO U. S. Pat. Appl., 58 pp. Avail. NTIS Order No. PAT-APPL-7-432 993.
 CODEN: XAXXAV
 DT Patent
 LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 432993	A0	19900315	US 1989-432993	19891108
	WO 9107506	A1	19910530	WO 1990-US6557	19901108
	W: AU, CA, JP				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, NL, SE				
	AU 9168869	A1	19910613	AU 1991-68869	19901108
PRAI	US 1989-432993		19891108		

WO 1990-US6557

19901108

L20 ANSWER 32 OF 33 MEDLINE DUPLICATE 10
AN 90347668 MEDLINE
DN 90347668 PubMed ID: 2384863
TI Terminal nucleotides of the preintegrative linear form of HIV-1 DNA deduced from the sequence of **circular DNA** junctions.
AU Kulkosky J; Katz R A; Skalka A M
CS Fox Chase Cancer Center, Institute for Cancer Research, Philadelphia, PA 19111.
NC CA-06927 (NCI)
CA-48703 (NCI)
RR-05539 (NCRR)
SO JOURNAL OF ACQUIRED IMMUNE DEFICIENCY SYNDROMES, (1990) 3 (9) 852-8.
Journal code: JOF; 8812597. ISSN: 0894-9255.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199009
ED Entered STN: 19901026
Last Updated on STN: 19970203
Entered Medline: 19900914

L20 ANSWER 33 OF 33 CAPLUS COPYRIGHT 2001 ACS
AN 1990:173600 CAPLUS
DN 112:173600
TI A rapid method for site-specific mutagenesis and directional subcloning
by
using the polymerase chain reaction to generate recombinant circles
AU Jones, Douglas H.; Howard, Bruce H.
CS Lab. Mol. Biol., Natl. Cancer Inst., Bethesda, MD, 20892, USA
SO BioTechniques (1990), 8(2), 178-80, 182-3
CODEN: BTNQDO; ISSN: 0736-6205
DT Journal
LA English

=> dhis

DHIS IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.

For a list of commands available to you in the current file, enter

"HELP COMMANDS" at an arrow prompt (=>).

=> d his

(FILE 'HOME' ENTERED AT 16:44:40 ON 24 APR 2001)

FILE 'BIOSIS, MEDLINE, EMBASE, LIFESCI, CAPLUS' ENTERED AT 16:44:48 ON

24

APR 2001

L1 180125 S CIRCULAR
L2 31917 S POLYNUCLEOTIDE OR POLYNUCLEOTIDES
L3 0 S L1|L2
L4 1599 S L1 AND L2
L5 200644 S AMPLIFICATION
L6 13 S L4 AND L5
L7 12 DUP REM L6 (1 DUPLICATE REMOVED)

FILE 'STNGUIDE' ENTERED AT 16:48:23 ON 24 APR 2001

L8 0 S COPY NUMBER

L9 0 S COPY(1A)NUMBER
L10 0 S CLONING
L11 0 S CIRCULARIZED (1A) CDNA
L12 0 S CIRCULARIZED CDNA
L13 0 S RACE
E CLONING
E CLONE

FILE 'CAPLUS' ENTERED AT 16:55:08 ON 24 APR 2001

E CLONE
L14 104152 S CLONING

FILE 'BIOSIS, MEDLINE, EMBASE, LIFESCI, CAPLUS' ENTERED AT 16:56:18 ON
24
APR 2001

L15 406456 S CLONING
L16 9560 S CIRCULAR DNA
L17 669 S L15 AND L16
L18 341524 S PCR
L19 52 S L17 AND L18
L20 33 DUP REM L19 (19 DUPLICATES REMOVED)

=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	48.89	75.32

STN INTERNATIONAL LOGOFF AT 16:59:20 ON 24 APR 2001